GOVERNMENT OF INDIA
AGRICULTURE AND FARMERS WELFARE
LOK SABHA

UNSTARRED QUESTION NO:1539
ANSWERED ON:03.05.2016
Hydroponic Techniques in Green Houses
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Will the Minister of AGRICULTURE AND FARMERS WELFARE be pleased to state:

(a) whether it is a fact that the Green House facility gives the farmers cheap access to seeds, if so, the details thereof;

(b) whether it is also a fact that the Government is considering to promote Green House Technology in the country in a big way, if so, the details thereof;

(c) whether the Government is considering to provide financial assistance for setting up of green houses, if so, the details thereof;

(d) whether the Government also proposes to carry out cultivation through hydroponic techniques in Green houses without soil, if so, the details thereof;

(e) whether the agricultural produce i.e. fruits/vegetables and other products cultivated by the said technique are likely to affect human health adversely; and

(f) if so, whether the Government has conducted any survey in this regard and the details thereof?

Answer

MINISTER OF STATE IN THE MINISTRY OF AGRICULTURE AND FARMERS WELFARE

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(a): No, Madam.

(b) & (c): Yes, Madam. The Ministry of Agriculture and Farmers Welfare, Government of India under the scheme Mission for Integrated Development of Horticulture promotes green house technologies under the component 'protected cultivation'. Assistance to the extent of 50% is provided to the farmers for establishment of various types of greenhouses upto 4000 sq. mts. per beneficiary.

The Indian Council of Agricultural Research (ICAR) has standardized low cost net and poly houses for cultivation of important high value vegetable crops like green and coloured capsicum, english cucumber, bottle gourd, brinjal and tomato which are being disseminated to the farming community. These protected structures are good for off-season production, help in improvement of yield by 65-80%, improve quality and protect from insects and diseases.

(d): No, Madam.
(e) & (f): In view of reply to (d), does not arise.

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